

## **SMART! FOR GROWERS**



THE MOST SUCCESSFUL GROWERS
AROUND THE WORLD HAVE
ALREADY RECOGNIZED THAT THE
KEY TO SUCCESS IS OPTIMIZING
FERTILIZER MANAGEMENT.
HAVE YOU?

www.smart-fertilizer.com







# Fertilizer Management Software Flourish with Precise Fertilization

#### FROM GUESSWORK

The misuse of fertilizers is a global phenomenon which results in decreased yields, fertilizer waste, damage to soils and groundwater contamination.

In today's competitive market, growers cannot afford partial success and therefore, should not be content with guess work and estimation.

#### TO PRECISION

SMART! Fertilizer Management is a unique web platform for optimizing fertilizer use in agriculture, enabling farmers to increase crop yields and reduce fertilizer costs.

The platform algorithm enables growers to manage fertilizer utilization, for any crop, under any condition, taking into account the multiple factors required for optimizing fertilizer use.

Precision requires skill, knowledge and expertise, supported by cutting edge technology. SMART! Fertilizer Management software gives you all this at the touch of a button.

### **Grower's Benefits**



#### HIGHER YIELDS, LOWER COSTS

Exceed your target yields consistently. Growers report up to 70% increase in crop yields and savings of up to 50% on fertilizer costs.



#### No More Guesswork

Rely your fertilizer management on precise data analytics. SMART! delivers fertilizer programs customized to your specific crops and field.



#### EASY TO ADOPT

Start immediately. A friendly web interface. Easy to integrate it with any other Ag. tools already in use.



#### OWN THE KNOWLEDGE

Enhance your expertise and control. The unique algorithms of SMART!, integrated with your field data, create unique in-house know-how.



#### **Grow Responsibly**

Avoid misuse of fertilizers. Meet environment protection standards. Prevent salinity build up, water pollution and damage to soil structure.



#### ALWAYS BE ONE STEP AHEAD

Get access to constantly updated knowledge from big data analytics. Use precision growing methods and be at the forefront of agriculture.

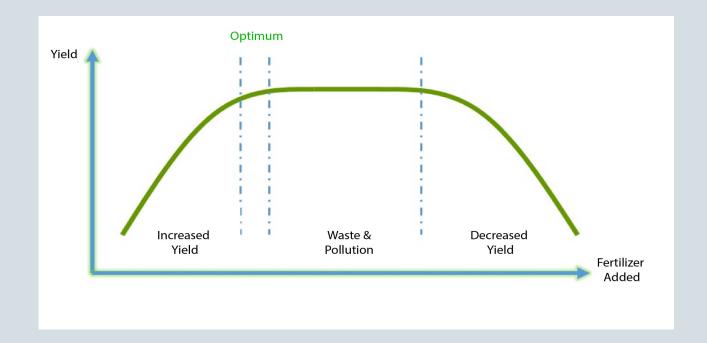


# Key Facts On Plant Nutrition

- Plants require 13 nutrients in different quantities to grow to their full potential. An imbalance of even one nutrient will limit crop growth. Adequate levels of other nutrients cannot compensate for the disorder.
- Applying too much fertilizers might result in nutrient losses, waste of fertilizer and even damage to the crop. Different crops have different salt tolerance levels. When salinity level exceeds the salt tolerance of the crop, yield is affected and begins to decrease.
- Plants need different nutrient amounts and ratios, at different growth stages. In order for the nutrients to be available when the plant needs them, fertilizers should be applied at the right timing at the right ratios.

## Making Fertilizers Count

Research shows that fertilizers account for 30% to 70% of the yield.





### What SMART!

## **Growers Are Saying**



ENRIQUE ESCOTO GROWER MEXICO – CALIFORNIA

"Before SMART! we used to get only 38 to 50 tons per acre of watermelons. Since using precise fertilizer application with your software, we obtained 95 tons per acre and reduced our fertilizer consumption by 25%!".



EDWARD L. POLE HYDROSYSTEMS UNITED STATES

"My company is in hydroponic vegetable production. SMART! is the gold standard. Any formula is possible to create with the help of the software. The flexibility is the best by far. If you're a professional, don't think twice about spending the money on good tools."



DREW PIGOTT SUMAGROW UNITED STATES

"I LOVE the software!! Your support has been extremely helpful and patient as well. We are an agricultural company and are very fortunate to have exceptional growth. I'm recommending your product to our customers".



MARIUS ROSSOUW AGRONOMIST SOUTH AFRICA

"I started using your fertilizer program... On Soybean we cut fertilizer application by 19% and the yield increased by 27%, just by balancing the soils with SMART! Fertilizer program. On tomato we increased yields from 120Mt to 160Mt!".





Learn all about the software features and possibilities.



SMART! is the first company that brings science and precision to fertilizer management and wraps it up in an easy to use platform.

# SMART! Software How it Works?

SMART! uses your field data integrated with the knowledge base in the system and its unique learning algorithms to produce the optimal fertilization plan which the grower can implement.

**Crop Database** - hundreds of crops, target yields, nutrient requirements, growth stages and more.

**Field Data Interpretation and Analytics**- soil test results, water quality and plant tissue analysis.

**Decision Support Engine** - providing the grower with fertilizer recommendations, reports and alerts.

SMART! is suitable for any crop, any fertilizer, any application method, anywhere.



## Get in Touch

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